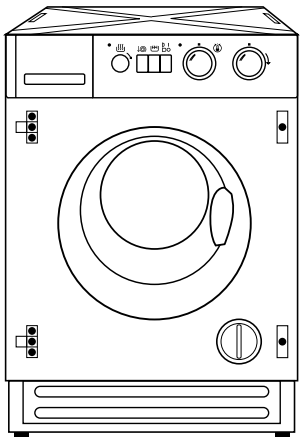
ZANUSSI

WASHER-DRYER
LAVADORA-SECADORA
MÁQUINA DE LAVAR E SECAR ROUPA
ZKI 1105



USER MANUAL
MANUAL DE USO
MANUAL DE UTILIZAÇÃO

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Dear customer,

Please read these operating instructions carefully and pay particular attention to the safety notes indicated in the first pages. We recommend that you keep this instruction booklet for future reference and pass it on to any future owners.

Transport damages

When unpacking the appliance, check that it is not damaged. If in doubt, do not use it and contact the Service Centre.

The symbols you will see on some paragraphs of this booklet have the following meaning:

The warning triangle and/or the key words (Warning!, Caution!) emphasize information that is particularly important for your safety or correct functioning of the appliance.

The information marked with this symbol provides additional instructions and practical tips on the use of the appliance.

Tips and information about economical and ecological use of the machine are marked with this symbol.

Our contribution to the protection of the environment: we use environmentally friendly paper.

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⚠ Warnings

The following warnings are provided in the interests of overall safety. You must read them carefully before installing or using the appliance.

Installation

- All internal packing must be removed before using the appliance. Serious damage may be caused to the machine or adjacent furniture if the protective transit devices are not removed or are not completely removed. Refer to the relevant paragraph in the instruction book.
- Any electrical work required to install this appliance must be carried out by a qualified electrician.
- Any plumbing work required to install this appliance must be carried out by a qualified plumber.
- After having installed the machine, check that it is not standing on its electrical supply cable.
- If the appliance is placed on a carpeted floor, ensure that air can circulate freely between the feet and the floor.

Use

- This appliance is designed for domestic use. It must not be used for purposes other than those for which it was designed.
- Only wash and dry fabrics which are designed to be machine washed and dried. Follow the instructions on each garment label.
- Do not overload the appliance. Follow the instructions in the instruction book.
- Make sure that all pockets are empty. Objects such as coins, safety pins, pins and screws can cause extensive damage.
- Do not machine wash garments saturated with petroleum, methylated spirits, trichlorethylene, etc. If such fluids have been used to remove stains prior to washing, wait until they have completely evaporated from the fabric before placing garments in the appliance.
- Place small items such as socks, belts, etc. in a cloth bag or pillowcase to prevent them getting trapped between the drum and the tub.
- **If you use a liquid detergent with a dispenser which has to be placed directly in the drum, remember to remove this dispenser before drying.**
- Use only the recommended quantities of fabric softener. An excessive amount could damage the laundry.
- Leave the porthole door slightly ajar when the appliance is not in use. This preserves the door seal and prevents the formation of musty smells.
- Always check that water has emptied out before opening the door. If not, drain the water following the instructions in the instruction book.
- Always unplug the appliance and shut the water tap after use.

General safety

- Repairs to the machine must be carried out only by qualified personnel. Repairs carried out by inexperienced persons could cause serious danger. Contact your local Service Centre.
- Never pull the power supply cable to remove the plug from the socket; always take hold of the plug itself.
- During high temperature wash programmes and during the drying cycle the door glass may get hot. Do not touch it!

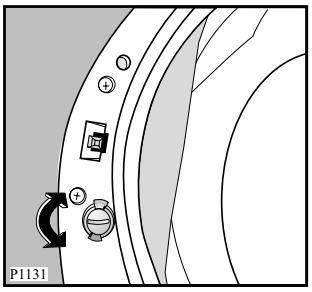
Child safety

- Children are often not aware of how dangerous electrical appliances can be. When the machine is working, children should be carefully supervised and not be allowed to play with the appliance.
- The packaging components (e.g. plastic film, polystyrene) can be dangerous to children - danger of suffocation! Keep them out of children's reach.
- Keep all detergents in a safe place out of children's reach.

  Make sure that children or pets do not climb into the drum. To avoid this the machine incorporates a special feature. To activate this device, rotate the button (without pressing it) inside the door clockwise until the groove is horizontal. If necessary use a coin.

To disable this device and restore the possibility of closing the door, rotate the button anti-clockwise until the groove is vertical.

- When the appliance is to be scrapped, cut off the electrical supply cable and destroy the plug with the remaining cable. Disable the door catch in order to prevent children from becoming trapped inside while playing.



Disposal

Packaging materials

The materials marked with the symbol ♺ are recyclable.

>PE<=polyethylene

>PS<=polystyrene

>PP<=polypropylene

This means that they can be recycled by disposing of them properly in appropriate collection containers.

Machine

Use authorised disposal sites for your old appliance. Help to keep your country tidy!

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Tips for environmental protection

To save water, energy and to help protect the environment, we recommend that you follow these tips:

- Normally soiled laundry may be washed without prewashing in order to save detergent, water and time (the environment is protected too!).
- The machine works more economically if it is fully loaded (for both washing and drying cycles).
- The machine will consume less energy if the laundry is **adequately spun** before being dried.
- With adequate pre-treatment, stains and limited soiling can be removed; the laundry can then be washed at a lower temperature.
- Measure out detergent according to the water hardness, the degree of soiling and the quantity of laundry being washed.

Technical specifications

DIMENSIONS	Height	82 cm	
	Width	60 cm	
	Depth	54 cm	
		WASHING	**DRYING**
MAXIMUM LOAD	Cotton	5 kg	2.5 kg
	Synthetics	2 kg	1.5 kg
	Delicates	2 kg	-
	Woollens	1 kg	-
SPIN SPEED		1000 rpm max.	
POWER SUPPLY VOLTAGE/FREQUENCY		220-230 V/50 Hz	
TOTAL POWER ABSORBED		2200 W	
MINIMUM FUSE PROTECTION		10 A	
WATER PRESSURE	Minimum	0,05 MPa	
	Maximum	0,8 MPa	

CE This appliance complies with the following EEC Directives:
73/23/EEC of 19/02/73 relating to low voltage
89/336/EEC of 03/05/89 relating to electromagnetic compatibility.

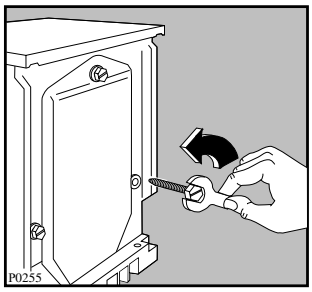
Installation

Unpacking

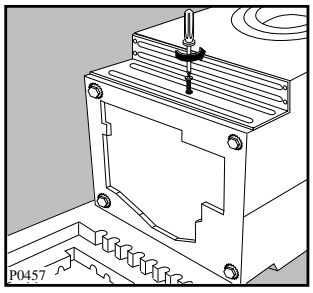
⚠ All transit bolts and packing must be removed before using the appliance.

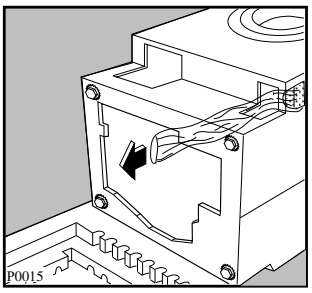
You are advised to keep all transit devices so that they can be refitted if the machine ever has to be transported again.

1. Using a spanner, unscrew and remove the rear right-hand bolt and lay the machine on its back, taking care not to squash the hoses. This can be avoided by placing one of the corner packing pieces between the machine and the floor.

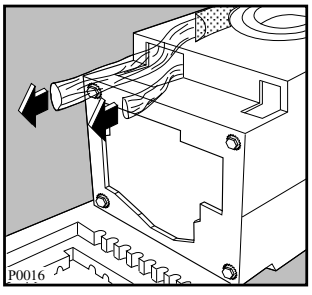


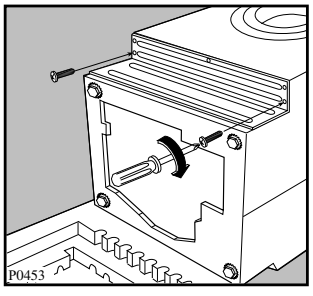
2. Remove the polystyrene base and take off the bottom panel by unscrewing the central screw.
3. Carefully remove the right-hand bag.



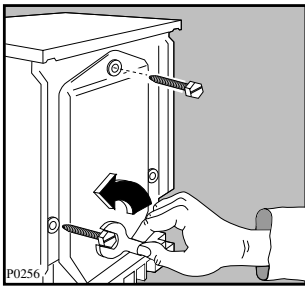


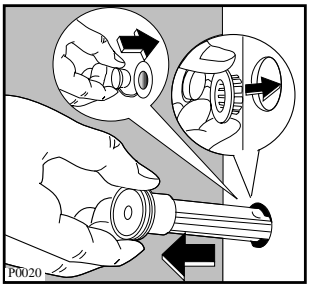
4. Carefully slide out the other bags.
5. Re-fit the bottom panel using the 4 screws supplied with the door hinges (in the plastic bag) and the previously removed screw.





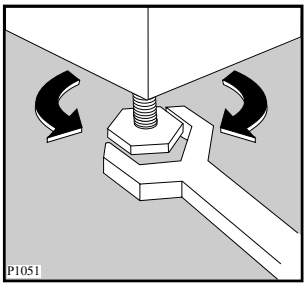
6. Set the machine upright and remove the two remaining bolts from the back.
7. Pull out the three plastic spacers from the holes into which the bolts were fitted.
8. Plug the open holes with the plugs supplied with the Instruction Booklet.





Positioning

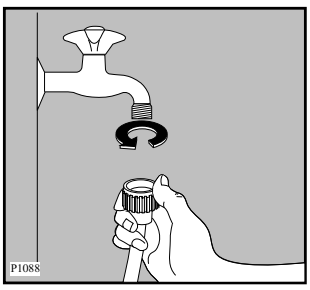
Install the machine on a flat hard floor.
Make sure that air circulation around the machine is not impeded by carpets, rugs etc. Check that the machine does not touch the wall or other kitchen units. Carefully level by screwing the adjustable feet in or out. Never place cardboard, wood or similar materials under the machine to compensate for any unevenness in the floor.



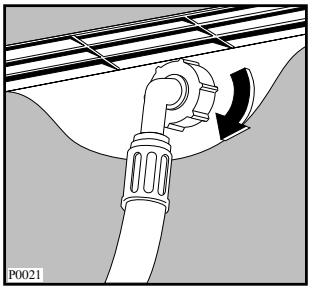
Water inlet

Connect the water inlet hose supplied with the machine to a tap with a 3/4" thread .

Do not use already employed inlet hoses.



The other end of the inlet hose which connects to the machine can be turned in any direction. Simply loosen the fitting, rotate the hose and retighten the fitting, making sure there are no water leaks.



The inlet hose must not be lengthened. If it is too short and you do not wish to move the tap, you will have to purchase a new, longer hose specially designed for this type of use.

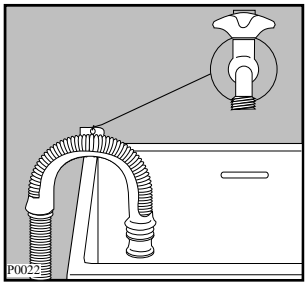
Important!

Before connecting up the machine to new pipework or to pipework that has not been used for some time, run off a reasonable amount of water to flush out any debris that may have collected in the pipes.

Water drainage

The end of the drain hose can be positioned in three ways:

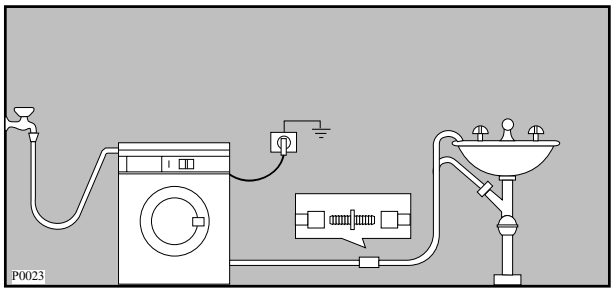
Hooked over the edge of a sink using the plastic hose guide supplied with the machine. In this case, make sure the end cannot come unhooked when the machine is emptying.
This could be done by tying it to the tap with a piece of string or attaching it to the wall.



In a sink drain pipe branch. This branch must be above the trap so that the bend is at least 60 cm above the ground.

Directly into a drain pipe at a height of not less than 60 cm and not more than 90 cm.
The end of the drain hose must always be **ventilated**, i.e. the inside diameter of the drain pipe must be larger than the outside diameter of the drain hose.

The drain hose must not be kinked. Run it along the floor; only the part near the drainage point must be raised.



Electrical connection

This machine is designed to operate on a 220-230 V, single-phase, 50 Hz supply.

Check that your domestic electrical installation can take the maximum load required (2.2 kW), also taking into account any other appliances in use.

Connect the machine to an earthed socket.

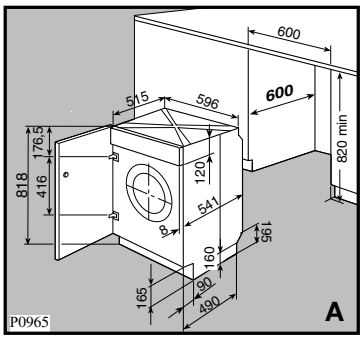
⚠ The manufacturer declines any responsibility for damage or injury through failure to comply with the above safety precaution.
Should the appliance power supply cable need to be replaced, this must be carried out by our Service Centre.

Important!

When the appliance is installed the power supply cable must be easily accessible.

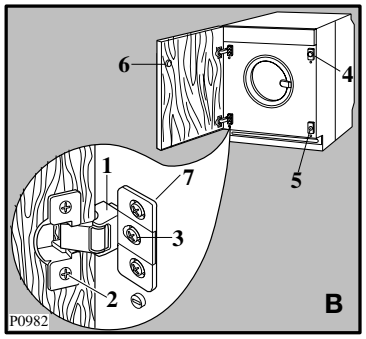
Building-in

This appliance has been designed to be built into the kitchen furniture.
The recess should have the dimensions shown in picture A.



Preparation and assembly of the door

The machine is originally pre-arranged for the assembly of a door opening from right to left.
In this case it is sufficient to screw in the hinges (1) and the counter-magnet (6) provided with the appliance, at the right level (Fig. B).



a) Door

The dimensions of the door should be:

- width 595-598 mm
- thickness 16-22 mm

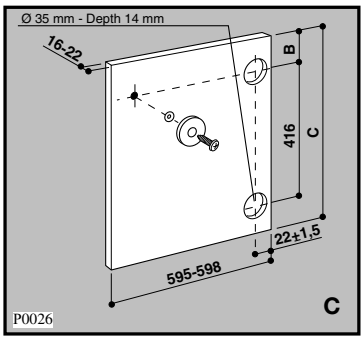
The height (C-Fig. C) depends on the height of the adjacent furniture's base.

b) Hinges

To mount the hinges it is necessary to drill two holes (dia. 35 mm, depth 14 mm) on the inner side of the door. The distance between the holes must be 416 mm.

The distance (B) from upper edge of the door to the centre of the hole depends on the adjacent furniture's dimensions.

The required dimensions are given in the picture C. The hinges will be fixed to the door by means of screws for wood (2 - Fig. B).

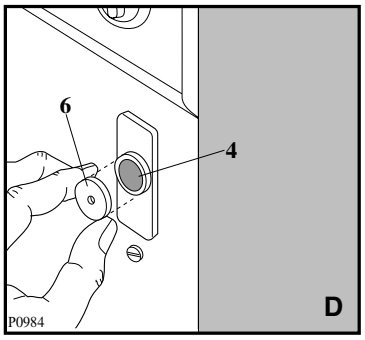


c) Mounting the door

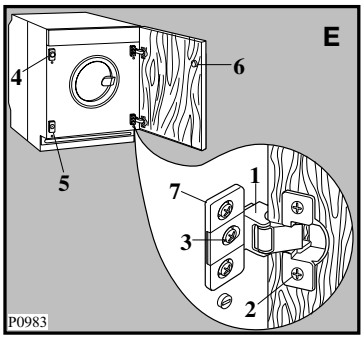
Fix the hinges to the machine by means of the M5x8 screws (3-Fig. B). The hinges can be adjusted to compensate for possible uneven thickness of the door.
To align the door perfectly it is necessary to loosen the screw (3-Fig. B), adjust the door and tighten the screw again.

d) Counter-magnet (6)

The appliance is pre-arranged for a magnetic closure of the door. To enable a correct operation of this device, it is necessary to screw the counter-magnet (6) (steel disk + rubber ring) into the inner side of the door.
Its position must correspond to the magnet (4) on the appliance (see picture D).



If the door has to be opened from left to right, invert the position of the plates (7), the magnet (4) and the rubber cap (5) (Fig. B and E). Mount the countermagnet (6) and the hinges (1) as previously described.



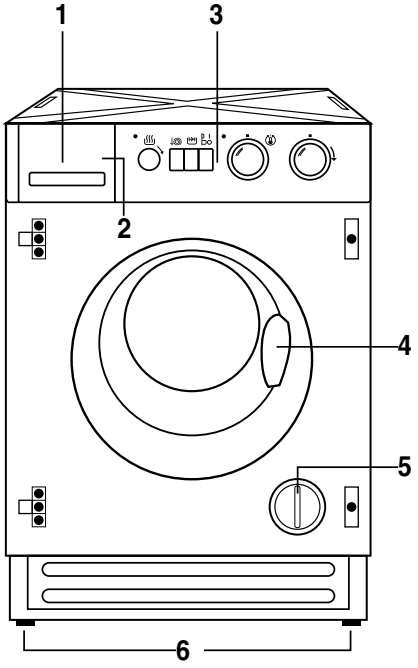
Your new washer-dryer

This new machine meets all modern requirements for effective treatment of laundry with low water, energy and detergent consumption.

- **The temperature selector dial** will allow you to choose the most suitable temperature for your laundry.
- **The automatic cooling of the washing water** from 90° to 60°C before draining will prevent old drain pipes from being deformed.
- **The balance control device** ensures the machine is stable during the spin.
- **The two drying programmes** will give your wash that soft, relaxed feel whatever the weather.

Description of the appliance

1 Detergent dispenser drawer
2 Programme chart
3 Control panel
4 Door handle
5 Drain filter
6 Adjustable feet



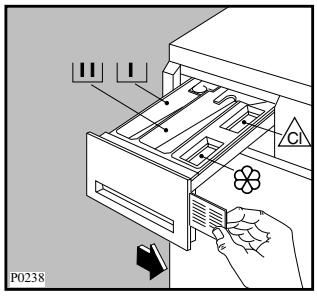
Detergent dispenser drawer

Prewash

Main wash

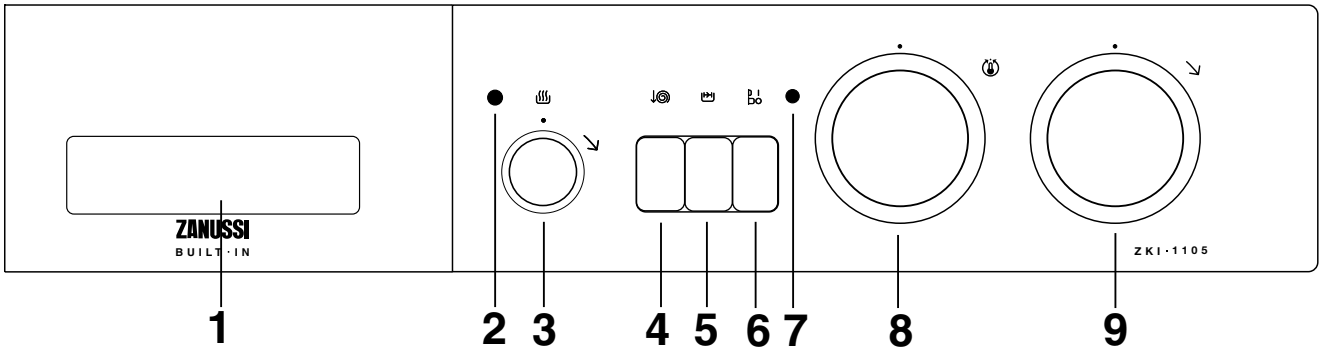
Fabric softener, starch

Bleaching agent



Use

Control panel



1 Detergent dispenser drawer

The programme chart is in the interior part of the drawer.

2 Drying indicator light

This light illuminates when the machine is drying.

3 Drying time selector dial

Graduated up to 120 mins for cottons (blue sector) and synthetics (green sector) , this dial allows you to select the desired drying time according to the type and quantity of laundry and the required degree of dryness. Depress the dial to pop it out.
Turn the dial **clockwise** only.

Cooling phase

To allow the laundry to cool down, a cooling phase starts automatically 10 minutes before the end of drying and this phase must in no circumstances be reduced or interrupted.

4 Spin speed reduction button

By depressing this button the spin speed is reduced as follows:

- cotton and linen: from 1000 to 650 rpm
- synthetics, delicates and wool (to be spun with programme "**H**", short spin): from 850 to 650 rpm.

5 Quick wash button

By depressing this button on programmes **A** and **B** for cotton and **G** for synthetics the washing time will be reduced.
Max. recommended temperature 60°C.
To be used for lightly soiled laundry.

6 On/Off button

By depressing this button the machine starts operating.
When depressed again, the machine stops.

Before selecting a programme or changing an ongoing programme the machine must be switched off by depressing the On/Off button.

7 Mains-on light

This light illuminates when the machine starts working and goes out when the ON/OFF button is released.

8 Temperature selector dial

Turn this dial clockwise or anti-clockwise to select the required temperature. Depress the dial to pop it out.
Position ✳ means that the machine will wash with cold water.

9 Programme selector dial

Turn the dial **clockwise** to select the required wash and drying programme. Depress the dial to pop it out.

Before setting the dial to any position the machine must be switched off by depressing the ON/OFF button again.

ⓘ Washing hints

Sorting the laundry

Follow the wash code symbols on each garment label and the manufacturer's washing instructions. Sort the laundry as follows:
whites, coloureds, synthetics, delicates, woollens.

Temperatures

90° for normally soiled white cottons and linen (e.g. tea cloths, towels, tablecloths, sheets...)

60° for normally soiled, colour fast garments (e.g. shirts, night dresses, pyjamas....) in linen, cotton or synthetic fibres and for lightly soiled white cotton (e.g. underwear).

✳ **(cold)** **30°-40°** for delicate items (e.g. net curtains), mixed laundry including synthetic fibres and woollens bearing the label «pure new wool, machine washable, non-shrink». The wool wash cycle of this machine has been approved by Woolmark for the washing of machine washable Woolmark products provided that the garments are washed according to the instructions on the garment label and those issued by the manufacturer of this washing machine. M9604.

Before loading the laundry

Never wash whites and coloureds together. Whites may lose their "whiteness" in the wash.

New coloured items may run in the first wash; they should therefore be washed separately the first time.

Make sure that no metal objects are left in the laundry (e.g. hair clips, safety pins, pins).

Button up pillowcases, close zip fasteners, hooks and poppers. Tie any belts or long tapes.

Remove persistent stains before washing. Rub particularly soiled areas with a special detergent or detergent paste.

Treat curtains with special care. Remove hooks or tie them up in a bag or net.

Maximum loads

Recommended loads are indicated in the programme charts.

General rules:

Cotton, linen: drum full but not too tightly packed;

Synthetics: drum no more than half full;

Delicate fabrics and woollens: drum no more than one third full.

Washing a maximum load makes the most efficient use of water and energy.

For heavily soiled laundry, reduce the load size.

Laundry weights

The following weights are indicative:

bathrobe	1200 g
napkin	100 g
quilt cover	700 g
sheet	500 g
pillow case	200 g
tablecloth	250 g
towelling towel	200 g
tea cloth	100 g
night dress	200 g
ladies' briefs	100 g
man's work shirt	600 g
man's shirt	200 g
man's pyjamas	500 g
blouse	100 g
men's underpants	100 g

Removing stains

Stubborn stains may not be removed by just water and detergent. It is therefore advisable to treat them prior to washing.

Blood: treat fresh stains with cold water. For dried stains, soak overnight in water with a special detergent then rub in the soap and water.

Oil based paint: moisten with benzine stain remover, lay the garment on a soft cloth and dab the stain; treat several times.

Dried grease stains: moisten with turpentine, lay the garment on a soft surface and dab the stain with the fingertips and a cotton cloth.

Rust: oxalic acid dissolved in hot water or a rust removing product used cold. Be careful with rust stains which are not recent since the cellulose structure will already have been damaged and the fabric tends to hole.

Mould stains: treat with bleach, rinse well (whites and fast coloureds only).

Grass: soap lightly and treat with bleach (whites and fast coloureds only).

Ball point pen and glue: moisten with acetone (*), lay the garment on a soft cloth and dab the stain.

Lipstick: moisten with acetone as above, then treat stains with methylated spirits. Remove any residual marks from white fabrics with bleach.

Red wine: soak in water and detergent, rinse and treat with acetic or citric acid, then rinse. Treat any residual marks with bleach.

Ink: depending on the type of ink, moisten the fabric first with acetone (*), then with acetic acid; treat any residual marks on white fabrics with bleach and then rinse thoroughly.

Tar stains: first treat with stain remover, methylated spirits or benzine, then rub with detergent paste.

(*) do not use acetone on artificial silk.

Detergents and additives

Good washing results also depend on the choice of detergent and use of the correct quantities to avoid waste and protect the environment. Although biodegradable, detergents contain substances which, in large quantities, can upset the delicate balance of nature.

The choice of detergent will depend on the type of fabric (delicates, woollens, cottons, etc.), the colour, washing temperature and degree of soiling.

All commonly available washing machine detergents may be used in this appliance:

– powder detergents for all types of fabric,

– powder detergents for delicate fabrics (60°C max) and woollens,

– liquid detergents, preferably for low temperature wash programmes (60°C max) for all types of fabric, or special for woollens only.

The detergent and any additives must be placed in the appropriate compartments of the dispenser drawer before starting the wash programme.

If using concentrated powder or liquid detergents, a programme **without** prewash must be selected.

The washing machine incorporates a recirculation system which allows an optimal use of the concentrated detergent.

Pour liquid detergent into the dispenser drawer compartment marked **just before** starting the programme.

Any fabric softener or starching additives must be poured into the compartment marked and the bleaching agent into the compartment before starting the wash programme.

Follow the product manufacturer's recommendations on quantities to use and **do not exceed the «MAX» mark in the detergent dispenser drawer.**

Quantity of detergent to be used

The type and quantity of detergent will depend on the type of fabric, load size, degree of soiling and hardness of the water used.

Water hardness is classified in so-called "degrees" of hardness. Information on hardness of the water in your area can be obtained from the relevant water supply company, or from your local authority.

Follow the product manufacturers' instructions on quantities to use.

Use less detergent if:

– you are washing a small load,

– the laundry is lightly soiled,

– large amounts of foam form during washing.

Degrees of water hardness

Level	Characteristic	Degrees	
		German °dH	French °T.H.
1	soft	0- 7	0-15
2	medium	8-14	16-25
3	hard	15-21	26-37
4	very hard	more than 21	more than 37

Drying hints

As a dryer, the machine works on the condensation principle.

Therefore, **the water tap must be open and the drain hose must drain water into a sink or into the drain pipe, even during the drying cycle.**

Load

Sort of laundry	max. load (dry weight)
Linen and cottons	2.5 kg
Synthetics	1.5 kg

Warning:

Loads of washed laundry exceeding these values must be divided before being dried, otherwise poor results will be obtained.

Garments not suitable for drying

- Particularly delicate items such as synthetic curtains, woollen and silk, garments with metal inserts, nylon stockings, bulky garments such as anoraks, bedcovers, quilts, sleeping bags and duvets must not be machine dried.
- Garments padded with foam-rubber or materials similar to foam-rubber must not be machine dried; they represent a fire hazard.
- Also, fabrics containing residues of setting lotions or hair sprays, nail solvents or similar solutions must not be machine dried in order to avoid the formation of harmful vapours.

Drying symbols on garment labels

Always look at the garment label to check whether garments can be machine dried.

The following symbols refer to drying:

Machine drying is usually possible

Normal drying (normal temperature)

Gentle drying (reduced temperature)

Do not machine dry

Duration of the drying cycle

The drying time can vary according to

- the final spin speed;
- the required degree of drying (store dry or iron dry);
- the type of laundry;
- the size of load.

The usual drying times are indicated in the programme chart. As you become more familiar with the appliance, you will discover the drying times that best suit your needs according to the various type of fabric. It is a good idea to make a note of these times.

Fibre residue

After drying fluffy fabrics, such as new towels, it is advisable to perform the rinse programme **C** to be sure that any residue that may remain in the tub is completely removed and does not stick to garments dried afterwards.

After each drying cycle the filter should be checked and cleaned.

Additional drying

Should the laundry still be too wet at the end of the programme, set another short drying cycle.

Warning! To prevent the formation of creases or shrinking of fabrics, avoid excessive drying.

International wash code symbols

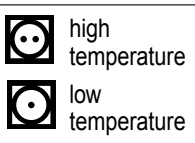
These symbols appear on fabric labels, in order to help you choose the best way to treat your laundry.

Energetic wash **Delicate wash**	 Max. wash temperature 95°C	 Max. wash temperature 60°C 	 Max. wash temperature 40°C 	 Max. wash temperature 30°C 	 Hand wash	 Do not wash at all

 Bleaching	 Bleach in cold water	 Do not bleach

 Ironing	 Hot iron max 200°C	 Warm iron max 150°C	 Lukewarm iron max 110°C	 Do not iron

 Dry cleaning	 Dry cleaning in all solvents	 Dry cleaning in perchlorethylene, petrol, pure alcohol, R 111 & R 113	 Dry cleaning in petrol, pure alcohol and R 113	 Do not dry clean

 Drying	 Flat	 On the line	 On clothes hanger	 high temperature low temperature Tumble dry	 Do not tumble dry

Operating sequence

Washing only

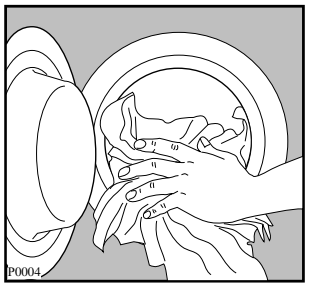
Before washing your first load of laundry, we recommend that you run a cotton cycle at 90°C, with the machine empty, in order to remove any manufacturing residue from the drum and tub.
Pour half a measure of detergent into the main wash compartment and start up the machine.

1. Place the laundry in the drum

Open the door.

Place the laundry in the drum, one item at a time, shaking them out as much as possible.

Close the door.



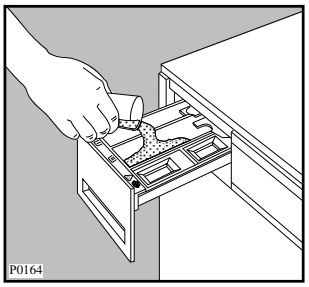
2. Measure out the detergent

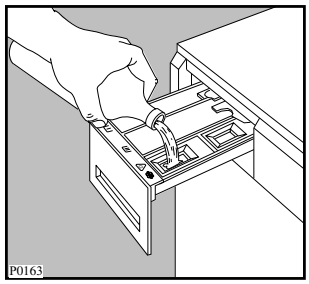
Pull out the dispenser drawer until it stops. Measure out the amount of detergent recommended by the manufacturer in a graduated cup and pour it into the main wash compartment .

If you wish to carry out the prewash, pour detergent into the appropriate compartment marked .

3. Measure out the additive

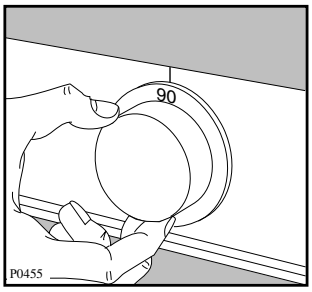
If required, pour fabric softener into the compartment marked and the bleaching agent into the compartment marked , **without exceeding the «MAX» mark.**





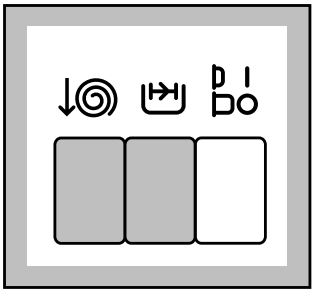
4. Select the temperature

Turn the dial to the required setting.



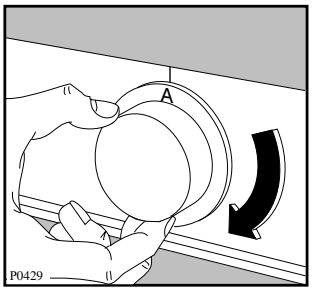
5. Select the required option

Depress button and/or if required.



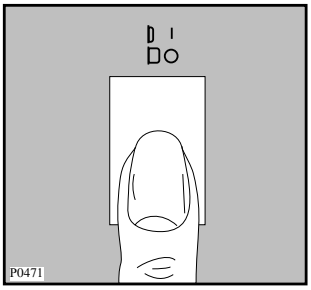
6. Select the required programme

Turn the programme selector dial **clockwise** to the desired position.



7. Start the machine

Depress the ON/OFF button : the mains-on light will illuminate and the machine starts operating.



8. At the end of the programme

The machine stops automatically.

If you have selected a programme which ends with the water of the last rinse in the tub, drain the water before opening the door by selecting programme **N** (drain) or **H** (drain and short spin).

The door is controlled by a safety device which releases 2 minutes after the end of the programme.

Switch the machine off by pressing the ON/OFF button . The mains-on light goes out.

Remove the laundry from the drum and carefully check that the drum is empty so as to avoid any forgotten items being damaged in a subsequent wash (e.g. shrinking) or their colour running into a load of whites.

If you do not intend to carry out another wash, close the water tap.

Leave the door open to prevent the formation of mildew and unpleasant smells.

Drying only

Warning! Do not exceed the maximum laundry loads:

- 2.5 kg for linen and cottons
- 1.5 kg for synthetics.

The water tap must be open and the drain hose must be positioned in the sink or connected to the drain pipe.

1. Load the laundry
2. Select the drying programme **F** (for cotton) or **J** (for synthetics).
3. Select the drying time in the blue or green section of the selector, according to the fabrics (cotton or synthetics) to dry.
4. Press the ON/OFF button to start the programme.
5. At the end of the cycle press the ON/OFF button again to switch the appliance off.
6. Remove the laundry.

Automatic washing and drying (NON-STOP programme)

Warning! For NON-STOP programmes, it is also essential not to exceed the maximum load sizes of 2.5 kg for cotton and 1.5 kg for synthetics.

1. Load the laundry.
2. Add detergent and additives.
   Do not use dosing device/ball when carrying out a NON-STOP programme. The plastic material with which it is made cannot withstand the high temperature in the drum during drying.
3. Select the wash programme.
   Select the option if required.
   If possible, **do not select** the spin speed reduction option to avoid too long drying times so saving energy.
4. Select the drying time.
5. Start the programme by depressing the ON/OFF button.
6. At the end of the programme press the ON/OFF button again to switch the machine off.
7. Remove the laundry.

Programme table

Washing programmes for cotton and linen

Load: 5 kg

Programme	Temp.	Fabrics	Additional function	Consumptions*		
				Energy kWh	Water lt	Duration min.
A	60°-90°	WHITES WITH PREWASH, for example work garments, sheets, household linen, underwear, towels		2.5	80	170
B	60°-90°	WHITES WITHOUT PREWASH, for example household linen, sheets, shirts, underwear		2.2	64	145
A	30°-60°	COLOUREDS WITH PREWASH, for example shirts, blouses, household linen, sheets		1.5	77	165
B	30°-60°	COLOUREDS WITHOUT PREWASH, for example shirts, blouses, terry cloths, underwear		1.15	60	140
C Rinses	COLD	This programme can be used for rinsing hand washed garments		0.1	64	50
D Long spin		Separate spin for cotton and linen		-	-	12

In compliance with EC directive 92/75, the consumption figures indicated on the energy label refer to the 60°C wash programme for cotton (programme "**B**") with a wash load of 5 kg.

* The consumption data shown on this chart is to be considered purely indicative, as it may vary depending on the quantity and type of laundry, on the inlet water temperature and on the ambient temperature. It refers to the highest temperature for each wash programme.

Important!

- Programme **B** begins with a short drain, then the programme selector dial advances automatically to the water filling position.
- We suggest you not to switch the appliance off and on during its operation. This would modify the memorised programme in progress with unsatisfactory washing results.

Programme table

Washing programmes for synthetics, mixed fabrics, delicates and wool

Load: 2 kg, wool 1 kg

Programme	Temp.	Fabrics	Addi-tional function	Consumptions*		
				Energy kWh	Water lt	Duration min.
G	40°-60°	SYNTHETICS WITHOUT PREWASH, for example underwear, coloured items, shirts, blouses		0.8	47	80
H Short spin		Separate spin for synthetics, delicates and wool		-	-	6
K	30°-40°	WOOL Special programme for garments bearing the “Pure new wool, non-shrink, machine washable” label		0.40	45	55
L	30°-40°	DELICATES, for example curtains		0.55	54	55
M Rinses	COLD	This programme can be used for rinsing hand washed garments		0.02	33	15
N Drain		For emptying out the last rinse water of these programmes.		-	-	1

* The consumption data shown on this chart is to be considered purely indicative, as it may vary depending on the quantity and type of laundry, on the inlet water temperature and on the ambient temperature. It refers to a wash load of 2 kg for synthetics and delicates and 1 kg of wool.

At the end of these programmes, the last rinse water is not emptied out, so as to avoid creasing of the fabrics. To empty out the water, select programme **H** or **N**.

Important When the automatic NON-STOP washing plus drying programme is used, the water is emptied out automatically and there is a short spin at 850 rpm before drying starts.

Important!

- Programme **G** for synthetics and **K** for wool begin with a short drain, then the programme selector dial advances automatically to the water filling position.
- We suggest you not to switch the appliance off and on during its operation. This would modify the memorised programme in progress with unsatisfactory washing results.

Drying Programmes

Degree of drying	Type of fabric	Max. load	Spin speed	Drying time mins
Store dry Suitable for items to put away without ironing	Cotton and linen (towels, T-shirts, bathrobes) **Programme F**	2.5 kg	1000 rpm	100 - 110 (blue sector)
		1.5 kg	1000 rpm	60 - 70 (blue sector)
		1 kg	1000 rpm	50 - 60 (blue sector)
	Synthetic and mixed fabrics (jumpers, blouses, underwear, household linen) **Programme J**	1.5 kg	850 rpm	100 - 110 (green sector)
		1 kg	850 rpm	70 - 8 0 (green sector)
Iron dry Suitable for ironing	Cotton and linen (sheets, tablecloths, shirts, etc.) **Programme F**	2.5 kg	1000 rpm	70 - 80 (blue sector)
		1.5 kg	1000 rpm	40 - 50 (blue sector)
		1 kg	1000 rpm	30 - 40 (blue sector)

Maintenance

1. Bodywork

Clean the outside of the machine with warm water and a detergent used to handwash dishes. Rinse with clean water and dry with a soft cloth.

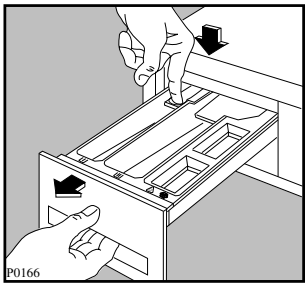
Important: do not use methylated spirits, solvents or similar products to clean the bodywork.

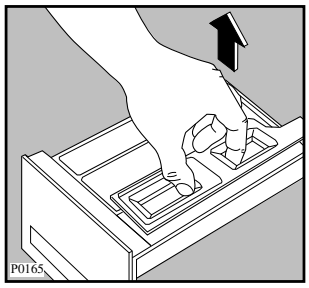
2. Detergent dispenser drawer

After a while, detergents and fabric softeners leave deposits in the drawer.

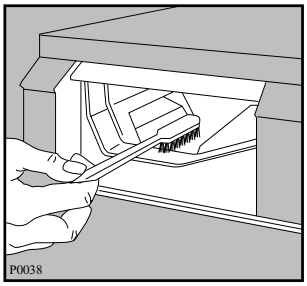
Clean the drawer from time to time by rinsing it under a running tap. To remove the drawer from the machine, press the button in the rear left-hand corner.

To facilitate cleaning, the top part of the additive compartments can be removed.





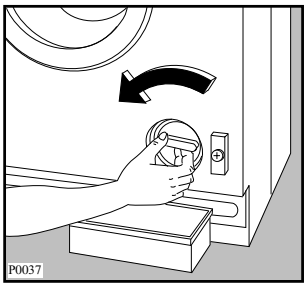
Detergent can also accumulate inside the drawer recess: clean it with an old toothbrush. Refit the drawer after cleaning.

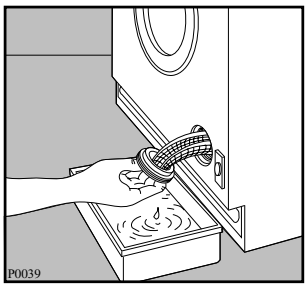


3. Drain filter

The drain filter collects threads and small objects inadvertently left in the laundry. Check regularly that the filter is clean.

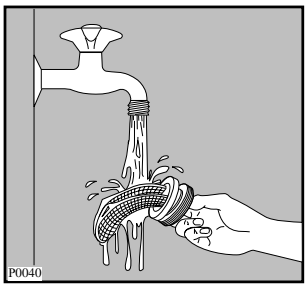
Place a container under the filter and unscrew it.





Pull out the filter.

Clean the filter under a running tap, then refit it, screwing it fully in.



4. Water inlet filter

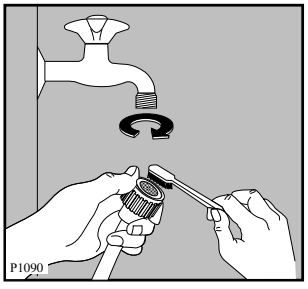
If you notice that the machine is taking longer to fill, check that the filter in the water inlet hose is not blocked.

Turn off the water tap.

Unscrew the hose from the tap.

Clean the filter with a stiff brush.

Screw the hose back onto the tap.



5. Emergency emptying out

If the water is not discharged (outlet pump is blocked, filter or drain hose are clogged), proceed as follows to empty out the machine:

- pull out the plug from the power socket;
- close the water tap;
- if necessary, wait until the water has cooled down;
- place a bowl on the floor under the filter;
- slightly loosen the filter to let the water come out slowly;
- at the end screw the filter again.

6. Frost precautions

If the machine is installed in a place where the temperature could drop below 0°C, proceed as follows:

- Close the water tap and unscrew the water inlet hose from the tap.
- Place the end of the drain hose and that of the inlet hose in a bowl placed on the floor.
- Select programme **N** (draining) and run it until the machine stops.
- Switch the machine OFF by depressing button .
- Screw the water inlet hose back on and put the drain hose back in its place.

By doing this, any water remaining in the machine is removed, avoiding the formation of ice and, consequently, breakage of the affected parts.

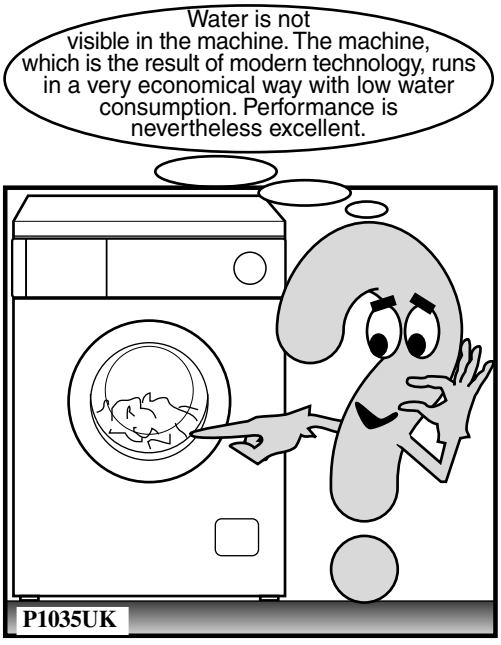
When you use the machine again, make sure that the ambient temperature is above 0°C.

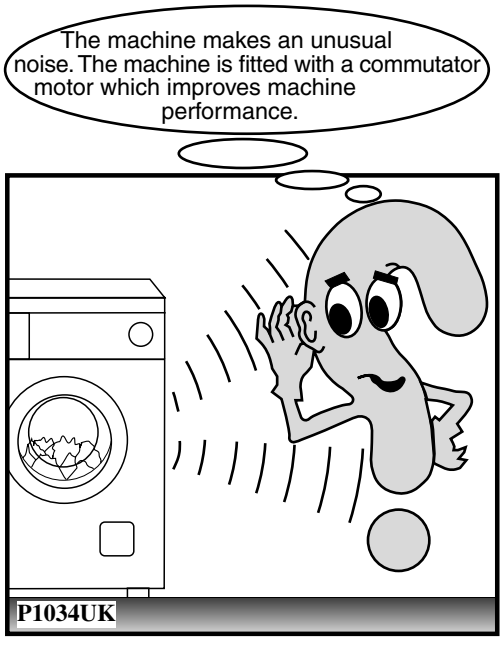
Something not working?

Problems which you can resolve yourself.

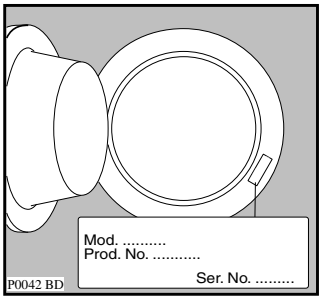
Problem	Possible cause
• **The machine does not start up:**	• The door is not firmly closed. • The machine is not plugged in or there is no power at the socket. • The main fuse has blown. • The programme selector dial is not positioned correctly. • The ON/OFF button has not been depressed.
• **The machine does not fill:**	• The water tap is closed. • The inlet hose is squashed or kinked. • The filter in the inlet hose is blocked. • The door is not properly closed.
• **The machine fills then empties immediately:**	• The end of the drain hose is too low. Refer to relevant paragraph in “water drainage” section.
• **The machine does not empty and/or does not spin:**	• The drain hose is squashed or kinked. • A programme which ends with water in tub has been selected. • The drain filter is clogged.
• **There is water on the floor:**	• Too much detergent or unsuitable detergent (creates too much foam) has been used. • Check whether there are any leaks from one of the inlet hose fittings. It is not always easy to see this as the water runs down the hose; check to see if it is damp. • The drain hose is damaged.
• **Unsatisfactory washing results:**	• Too little detergent or unsuitable detergent has been used. • Stubborn stains have not been treated prior to washing. • The correct temperature was not selected. • Excessive laundry load.
• **The machine vibrates or is noisy:**	• The transit bolts and packing have not been removed. • The support feet have not been adjusted. • The laundry is not evenly distributed in the drum. • Maybe there is very little laundry in the drum.
• **The door will not open:**	• The programme is still running. • The door lock has not been released. • There is water in the drum.

Problem	Possible cause
• **Spinning starts late or the laundry is not spun enough:**	• The electronic unbalance detection device has cut in because the laundry is not evenly distributed in the drum. The laundry is redistributed by reverse rotation of the drum. This may happen several times before the unbalance disappears and normal spinning can resume. If, after 20 minutes, the laundry is still not evenly distributed in the drum, the machine will not spin. If at the end of the programme the laundry is not spun enough, redistribute the load manually and select the spin programme.
• **The machine will not dry or the laundry is not dry enough**	• The water tap is closed. • The drain filter is clogged. • The drying time has not been selected. • An appropriate drying time or sector has not been chosen. • There is too much laundry inside the appliance.


Water is not visible in the machine. The machine, which is the result of modern technology, runs in a very economical way with low water consumption. Performance is nevertheless excellent.
P1035UK


The machine makes an unusual noise. The machine is fitted with a commutator motor which improves machine performance.
P1034UK

If you are unable to identify or solve the problem, contact our service centre. Before telephoning, make a note of the model, serial number and purchase date of your machine: the Service Centre will require this information.



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